Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 22 Apr 2023 until 23:59 on Sunday 23 Apr 2023

Forecast Issued on Friday 21 Apr 2023 at 15:19

Confidence: High for overall trend towards changeable conditions, but lower confidence in rain and shower detail through the weekend.

Headline for Saturday 22 Apr 2023: Cloudy with rain, locally heavy, moving steadily northwards during the morning. Turning brighter with showers by the afternoon. Winds easing.

Mountain weather hazards on Saturday 22 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Light rain showers	Light rain showers	Light rain showers	Cloudy
Precipitation probability							
80%	80%	80%	60%	40%	40%	40%	20%

Forecast for Saturday 22 Apr 2023

Weather: A narrow band of rain, locally heavy, will continue to move steadily northwards overnight and into Saturday morning, with extensive low cloud and poor visibility. Rain will gradually turn more showery into the afternoon, with some of the showers likely to be heavy and possibly thundery at times. Any showers should tend to ease by the evening, with perhaps some limited brighter spells developing.

Chance of cloud-free hill tops above 600m: 20% throughout much of the day, increasing to 60% late in the day.

Low Cloud and visibility: Extensive low cloud, with bases down to 200-300m first thing, only lifting to 400-500m by the afternoon, especially in the east. Poor or very poor visibility in low cloud, rain or heavy showers during the morning and early afternoon, becoming good or very good by late-afternoon and early evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 22 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 NE	12/19 NE	9/13 NE	7/10 NE	7/12 SE	9/14 SW	9/13 W	7/10 W	6/9 W
300	8/18 NE	8/19 NE	6/13 NE	5/9 E	7/12 S	7/14 SW	7/13 W	4/9 W	3/7 NW
Valley	6/15 NE	7/18 NE	6/15 NE	6/12 E	6/10 S	6/11 SW	5/10 W	3/6 W	3/6 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-0	4/0	4/1	5/2	6/4	6/3	5/2	3/1	3/1
300	6/4	6/4	6/4	7/6	8/7	9/7	8/6	5/4	4/3
Valley	8/6	8/6	8/6	9/8	10/8	10/8	9/8	6/6	6/5
Freezing Level*	1400m	1400m	1400m	1300m	1400m	1300m	1200m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Heavy rain or showers will lead to wet and slippery conditions under foot at times, therefore, suitable footwear is advised for spending any length of time on the hills walking or hiking. Low cloud and poor visibility may lead to navigational difficulties.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 20 Apr 2023	0mm	0mm	0mm

Forecast for Sunday 23 Apr 2023

Weather: Some uncertainty in the precipitation details for Sunday. However, it looks set to remain unsettled, with further outbreaks of rain or showers throughout the day, probably locally heavy at times. Extensive low cloud and poor visibility on the summits, especially first thing.

Maximum wind: Northwesterly 10-15mph, with occasional gusts 20-25mph.

Chance of cloud-free hill tops above 600m: 20% chance early and late, but improving to 60% during daylight hours.

Low Cloud and visibility: Extensive low cloud, with bases down to 300-400m at first, lifting to 400-600m during the day, before lowering again later in the day.

Temperature: **Valleys:** Plus 3 Celsius, becoming Plus 8 Celsius.
At 600m: Plus 2 Celsius, becoming Plus 5 Celsius.
Freezing level: Above the summits.

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